

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 15 Jan 2021 until 23:59 on Saturday 16 Jan 2021

Forecast Issued on Friday 15 Jan 2021 at 03:44

Confidence: High for cold but dry and bright conditions for Friday, also for a band of snow and rain crossing from the west Saturday morning, but some uncertainty regarding the extent of snowfall. Confidence becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and snow from Monday.

Headline for Friday 15 Jan 2021: Cold, but dry with sunny then bright spells and light winds.

Mountain weather hazards on Friday 15 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	00%	00%	00%	10%

Forecast for Friday 15 Jan 2021

Weather: Friday will be cold but dry with plenty of sunshine through the morning, which is likely to turn hazy later in the afternoon as higher cloud gradually feeds from the west. Cloud thickening during the evening, but remaining dry.

Chance of cloud free mountain/hill tops above 600m: 60% at first with patches of cloud around 400m, but becoming 90% by late morning with bases generally above the summits, only infrequently lowering 500-600m.

Visibility: Generally good or very good.

Forecast for Friday 15 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/5 S	6/8 S	7/11 S	8/15 S	10/19 S	13/22 S	18/29 S
300	1/3 N	1/5 S	3/6 SE	3/10 S	5/14 S	6/15 S	11/24 S
Valley	4/5 E	3/5 SE	2/6 S	3/8 SE	6/13 SE	7/16 SE	9/19 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-4	-3/-6	-2/-6	-2/-7	-4/-10	-4/-11	-3/-11
300	-6/-8	-7/-9	-1/-2	-1/-3	-3/-6	-2/-6	-2/-7
Valley	-1/-4	-1/-3	1/-1	1/-1	-1/-4	-0/-4	0/-4
Freezing Level*	100m	100m	200m	200m	00m	00m	100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Wind chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 15 Jan 2021	3mm	20.4mm	20.6mm

Forecast for Saturday 16 Jan 2021

Weather: A broad area of occasionally heavy snow and rain will cross from the west during the night and through the morning, which becomes weaker later in the afternoon before clearing around midday. Sunny spells and a few showers follow from the west. Snow level penetrating to all levels overnight, before lifting to around 600m by late morning.

Maximum wind: South 30-40mph at first with gusts of 50-60mph across most exposed ridges and summits, before winds veer westerly and gradually ease from late morning.

Chance of cloud free mountain/hill tops above 600m: 10% or less at first with bases extensive from 300-500m, becoming 60% early afternoon and 80% during the evening as clouds lift and break.

Visibility: Virtually nil in early snow, rain and hill fog, becoming generally good from afternoon, but lowering to a handful of kilometres in the showers.

Temperature: **Valleys:** Minus 7 Celsius rising plus 3 Celsius during the afternoon
At 600m: Minus 7 Celsius rising Zero to plus 2 Celsius during the afternoon
Freezing level: 100m lifting to 800m